

SR 21 @ I-95 Diverging Diamond Interchange Project Industry Forum

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December 4, 2014



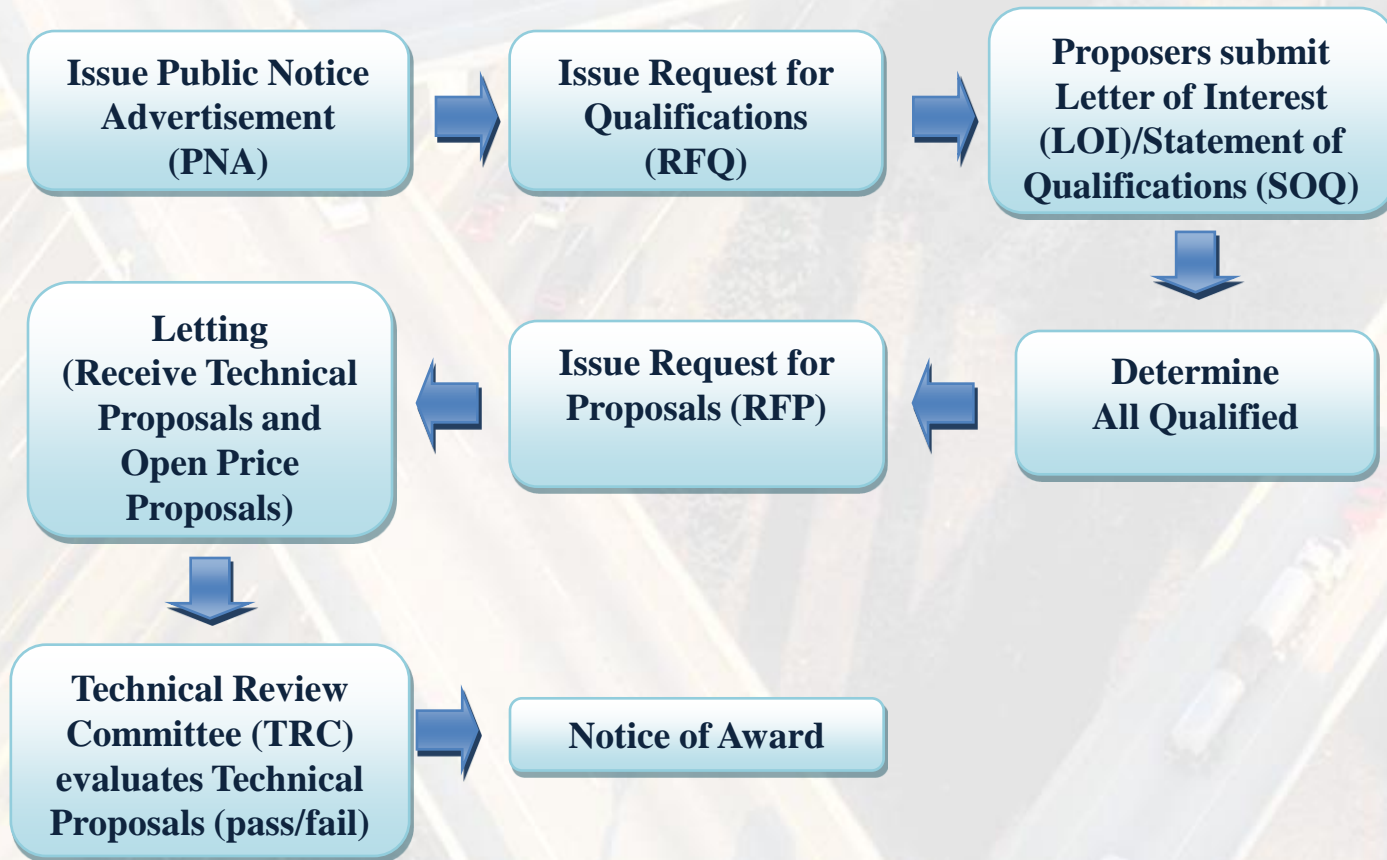
Disclaimer Statement

At this meeting the Department will provide information about the project's delivery goals, anticipated scope, anticipated Design-Build procurement process, and potential risks. Participants will be encouraged to ask questions during this meeting; however any information provided by Department shall be considered as informational only and is subject to change.

Design-Build Overview

- Design-Build
 - Combines design engineering and other preconstruction related services with construction services into a single contract.
 - Allows the contractor to participate in the project's design in an effort to reduce costs, improve communication and expedite project delivery.
- Governed by
 - 23 Code of Federal Regulations (CFR) Part 636
 - Georgia Code Section 32-2-81 (*Enacted 2004*)
 - Board Rules, Chapter 672-18 (*Adopted 2006 & 2013*)
- Design-Build Manual

Anticipated Procurement Process



Anticipated SOQ Evaluation Criteria

- Must demonstrate required Consultant Area Classes
- Relevant project experience, qualifications, and availability of the:
 - Lead Design Consultant
 - Lead Design Consultant Project Manager
 - Lead Contractor
 - Lead Contractor Project Manager
- Suitability to provide services for project
- Past performance
- Approve qualified teams allowed to respond to RFP

Anticipated Stipend

- No Stipulated Fee Anticipated

Table 1.2 Stipulated Fee Amount

Design-Build Estimated Contract Value	Best Value	Two Phase Low Bid (w/ Shortlist)	Two Phase Low Bid (all qualified)	One Phase Low Bid
>\$50M	0.2 % Minimum 0.2 % Recommended	0.1 % Minimum 0.2 % Recommended	0.0 % Minimum 0.1 % Recommended	No Stipulated Fee
<\$50M	0.2 % Minimum 0.4 % Recommended	0.1 % Minimum 0.2 % Recommended	0.0 % Minimum 0.1 % Recommended	No Stipulated Fee

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Innovative Delivery

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Project Location



Conceptual Design



Current Schedule

a. GDOT issues Public Notice Advertisement	11/7/2014	Complete
b. Industry Forum (to be held at GDOT on the 28th Floor)	12/04/2014	10:00 AM
c. GDOT issues Request for Qualifications (RFQ)	12/12/2014	-----
d. Deadline for submission of Letter of Interest (LOI) / Statement of Qualifications (SOQ)	01/16/2015	2:00 PM
e. GDOT issues the Notice to Finalists	02/06/2015	-----
f. GDOT issues the Request for Proposals (RFP) to the Finalists	02/20/2015	-----
g. GDOT letting (receipt of bid/technical proposal from Finalists)	04/17/2015	-----

Proposed Project Scope

- Reconstruct the Interchange of I-95 and SR 21 / SR 30 from a Diamond to a Diverging Diamond Interchange (DDI).
- Install an additional lane in each direction on SR 21 from SR 30 to Hendley Rd and overlay the pavement within the project limits.
- Modify median on SR 21 within the project limits
- Widen the ramps from I-95
- Ensure 16'-9" vertical clearance under I-95

Proposed Project Scope

- Upgrade underpass lighting under the existing I-95 bridge
- Upgrade signalization at the ramps, including interconnected signals, to ensure optimized traffic signal operations and signal timing
- Provide active traffic management of signals in the system during any traffic reconfigurations
- Install camera (CCTV) to monitor signal, with internet connectivity

Proposed Project Risks

- All Construction within Existing Right-of-Way
- MS4
- 56 hour transition period from Conventional Interchange to DDI
- Maintenance of Traffic
- NEPA (Approval Expected March 2015)
 - Wetlands located within corridor, outside of project limits
- Utilities
- Existing driveways & businesses
- Schedule
 - 14 month construction
 - 20 months overall Design-Build contract



Questions

Design-Build Contact Information

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Design-Build Webpage

<http://www.dot.ga.gov/doingbusiness/pages/designbuild.aspx>